

# Periodic Table & Polyatomic Ions Chart

## Common Polyatomic ions

Ammonium	$\text{NH}_4^{+1}$	Hydroxide	$\text{OH}^{-1}$
Nitrate	$\text{NO}_3^{-1}$	Sulfate	$\text{SO}_4^{-2}$
Nitrite	$\text{NO}_2^{-1}$	Sulfite	$\text{SO}_3^{-2}$
Chlorate	$\text{ClO}_3^{-1}$	Carbonate	$\text{CO}_3^{-2}$
Cyanide	$\text{CN}^{-1}$	Phosphate	$\text{PO}_4^{-3}$
Hydrogen sulfate	$\text{HSO}_4^{-1}$	Phosphite	$\text{PO}_3^{-3}$
Hydrogen carbonate	$\text{HCO}_3^{-1}$	Peroxide	$\text{O}_2^{-2}$
↳ (bicarbonate)			
Hydrogen phosphate	$\text{HPO}_4^{-2}$		

${}^1_1\text{H}$ 1.007																		${}^2_2\text{He}$ 4.00					
${}^3_3\text{Li}$ 6.94	${}^4_4\text{Be}$ 9.01	<b>Common Polyatomic ions</b>																${}^5_5\text{B}$ 10.81	${}^6_6\text{C}$ 12.01	${}^7_7\text{N}$ 14.00	${}^8_8\text{O}$ 15.99	${}^9_9\text{F}$ 18.99	${}^{10}_{10}\text{Ne}$ 20.18
${}^{11}_{11}\text{Na}$ 22.98	${}^{12}_{12}\text{Mg}$ 24.30																	${}^{13}_{13}\text{Al}$ 26.97	${}^{14}_{14}\text{Si}$ 28.08	${}^{15}_{15}\text{P}$ 30.97	${}^{16}_{16}\text{S}$ 32.06	${}^{17}_{17}\text{Cl}$ 35.45	${}^{18}_{18}\text{Ar}$ 39.49
${}^{19}_{19}\text{K}$ 39.09	${}^{20}_{20}\text{Ca}$ 40.07	${}^{21}_{21}\text{Sc}$ 44.95 3	${}^{22}_{22}\text{Ti}$ 47.87 4,3	${}^{23}_{23}\text{V}$ 50.94 5,4,3,2 Vanadium	${}^{24}_{24}\text{Cr}$ 51.99 6,3,2	${}^{25}_{25}\text{Mn}$ 54.93 7,6,4,3,2	${}^{26}_{26}\text{Fe}$ 55.84 2,3,6	${}^{27}_{27}\text{Co}$ 58.93 3,2	${}^{28}_{28}\text{Ni}$ 58.69 3,2	${}^{29}_{29}\text{Cu}$ 63.54 2,1	${}^{30}_{30}\text{Zn}$ 65.41 2	${}^{31}_{31}\text{Ga}$ 69.73 3 Gallium	${}^{32}_{32}\text{Ge}$ 72.64 4 Germanium	${}^{33}_{33}\text{As}$ 74.92 5,3 Arsenic	${}^{34}_{34}\text{Se}$ 78.96 4 Selenium	${}^{35}_{35}\text{Br}$ 79.90 5,3	${}^{36}_{36}\text{Kr}$ 83.80 Krypton						
${}^{37}_{37}\text{Rb}$ 85.46 Rubidium	${}^{38}_{38}\text{Sr}$ 87.62 Strontium	${}^{39}_{39}\text{Y}$ 88.90 3 Yttrium	${}^{40}_{40}\text{Zr}$ 91.22 4 Zirconium	${}^{41}_{41}\text{Nb}$ 92.90 5,3 Niobium	${}^{42}_{42}\text{Mo}$ 95.94 6,5,4,3,2 Molybdenum	${}^{43}_{43}\text{Tc}$ 98 7 Technetium	${}^{44}_{44}\text{Ru}$ 101.07 3 Ruthenium	${}^{45}_{45}\text{Rh}$ 102.90 4,3,2 Rhodium	${}^{46}_{46}\text{Pd}$ 106.42 4,2 Palladium	${}^{47}_{47}\text{Ag}$ 107.86 1 Silver	${}^{48}_{48}\text{Cd}$ 112.41 2 Cadmium	${}^{49}_{49}\text{In}$ 114.81 3 Indium	${}^{50}_{50}\text{Sn}$ 118.71 4,2 Tin	${}^{51}_{51}\text{Sb}$ 121.76 5,3 Antimony	${}^{52}_{52}\text{Te}$ 127.60 4,2 Tellurium	${}^{53}_{53}\text{I}$ 126.90 5,3 Iodine	${}^{54}_{54}\text{Xe}$ 131.29 Xenon						
${}^{55}_{55}\text{Cs}$ 132.90 Cesium	${}^{56}_{56}\text{Ba}$ 137.32 Barium	${}^{57}_{57}\text{La}$ 138.90 3 Lanthanum	${}^{72}_{72}\text{Hf}$ 178.49 4 Hafnium	${}^{73}_{73}\text{Ta}$ 180.94 5 Tantalum	${}^{74}_{74}\text{W}$ 183.84 6,5,4,3,2 Tungsten	${}^{75}_{75}\text{Re}$ 186.20 7,6,4 Rhenium	${}^{76}_{76}\text{Os}$ 190.23 8,6,4,3 Osmium	${}^{77}_{77}\text{Ir}$ 192.21 4,3 Iridium	${}^{78}_{78}\text{Pt}$ 195.08 4,3,2 Platinum	${}^{79}_{79}\text{Au}$ 196.96 3,1 Gold	${}^{80}_{80}\text{Hg}$ 200.59 2,1 Mercury	${}^{81}_{81}\text{Tl}$ 204.38 3,1 Thallium	${}^{82}_{82}\text{Pb}$ 207.2 4,2 Lead	${}^{83}_{83}\text{Bi}$ 208.98 5,3 Bismuth	${}^{84}_{84}\text{Po}$ 209 6,4,2 Polonium	${}^{85}_{85}\text{At}$ 210 3,1 Astatine	${}^{86}_{86}\text{Rn}$ 222 Radon						